



U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917) SEPTEMBER 1986

SECTION I	
MANUFACTURER'S NAME Koppers Company, Inc. 436 7th Avenue	EMERGENCY TELEPHONE NO. 412- 227-2000
ADDRESS (Number, Street, City, State, and ZIP Code) Pittsburgh, PA 15219	
CHEMICAL NAME AND SYNONYMS ACRYLIC	TRADE NAME AND SYNONYMS Clear Gloss Lacquer
CHEMICAL FAMILY ACRYLIC	FORMULA L-880-66 Clear

DPM-86 and DPM-87

SECTION II - HAZARDOUS INGREDIENTS					
PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE Acrylic		N/A	METALLIC COATINGS		
SOLVENTS See Below *			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
* Methyl Ethyl Ketone					200PPM
Methyl Isobutyl Ketone					50PPM
2-Propanol, 1 Methoxy Acetate					Not Established

SECTION III - PHYSICAL DATA			
BOILING POINT (°F.)		SPECIFIC GRAVITY (H ₂ O=1)	lbs./Gal. 7.50
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	84%
VAPOR DENSITY (AIR=1)	Heavier	EVAPORATION RATE (N-But-Ace =1)	Moderately Faster
SOLUBILITY IN WATER	Negligible		
APPEARANCE AND ODOR			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (Method used)	24 F T.C.C.	FLAMMABLE LIMITS	Lel Uel
EXTINGUISHING MEDIA Foam, dry chemical, water spray fog or CO₂.			
SPECIAL FIRE FIGHTING PROCEDURES Use air supplied equipment for enclosed areas. Cool exposed containers with water.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Keep away from heat, sparks and flame.			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

50 PPM from solvent vapors in the air

EFFECTS OF OVEREXPOSURE Systemic toxic effects may also result from skin absorption. Irritation to eyes, nose and throat near or above 50 ppm from vapors. Higher concentrations cause drowsiness, dizziness, followed by coma. Dangerously high concentrations could cause death from explosion or from breathing.

EMERGENCY AND FIRST AID PROCEDURES

If inhaled remove to fresh air. If not breathing give artificial respiration. preferably mouth to mouth. Call a physician. In case of skin contact, wash thoroughly with soap and water; for eyes, flush immediately with plenty of water for 15 minutes and call a physician. Wash contaminated clothing before reuse. If swallowed, CALL A PHYSICIAN IMMEDIATELY. DO NOT induce vomiting.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATABILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition (flames, electrical, static or frictional sparks, hot surfaces, etc.). Avoid breathing of vapors. Ventilate area. Contain and scoop up spills with non-sparking tools, rags, etc. Use inert absorbent materials on small spills or on residuals of large spills.

WASTE DISPOSAL METHOD

Dispose of in accordance with local applicable regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) Organic vapor canister where oxygen content is adequate and vapor concentration is less than 2% or use air supplied face masks.

VENTILATION	LOCAL EXHAUST	X	SPECIAL
	MECHANICAL (General)	X	OTHER
PROTECTIVE GLOVES		EYE PROTECTION	
Neoprene Rubber Gloves		Goggles	
OTHER PROTECTIVE EQUIPMENT			

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep containers closed and upright to prevent leakage. Avoid flames, welding, smoking, sparks, open lights, etc. Avoid breathing of vapor or spray mist. Avoid eye and skin contact.

OTHER PRECAUTIONS

Maintain good personal hygiene. Do not use in confined areas, tank or pit without adequate ventilation.